

ONELITE SERIES

FLUSH GLAZED FIBERGLASS DOORS

INSWING / OUTSWING

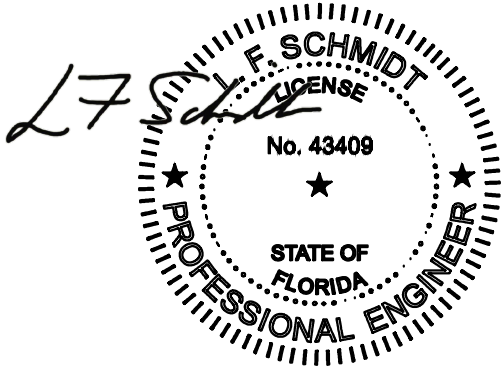
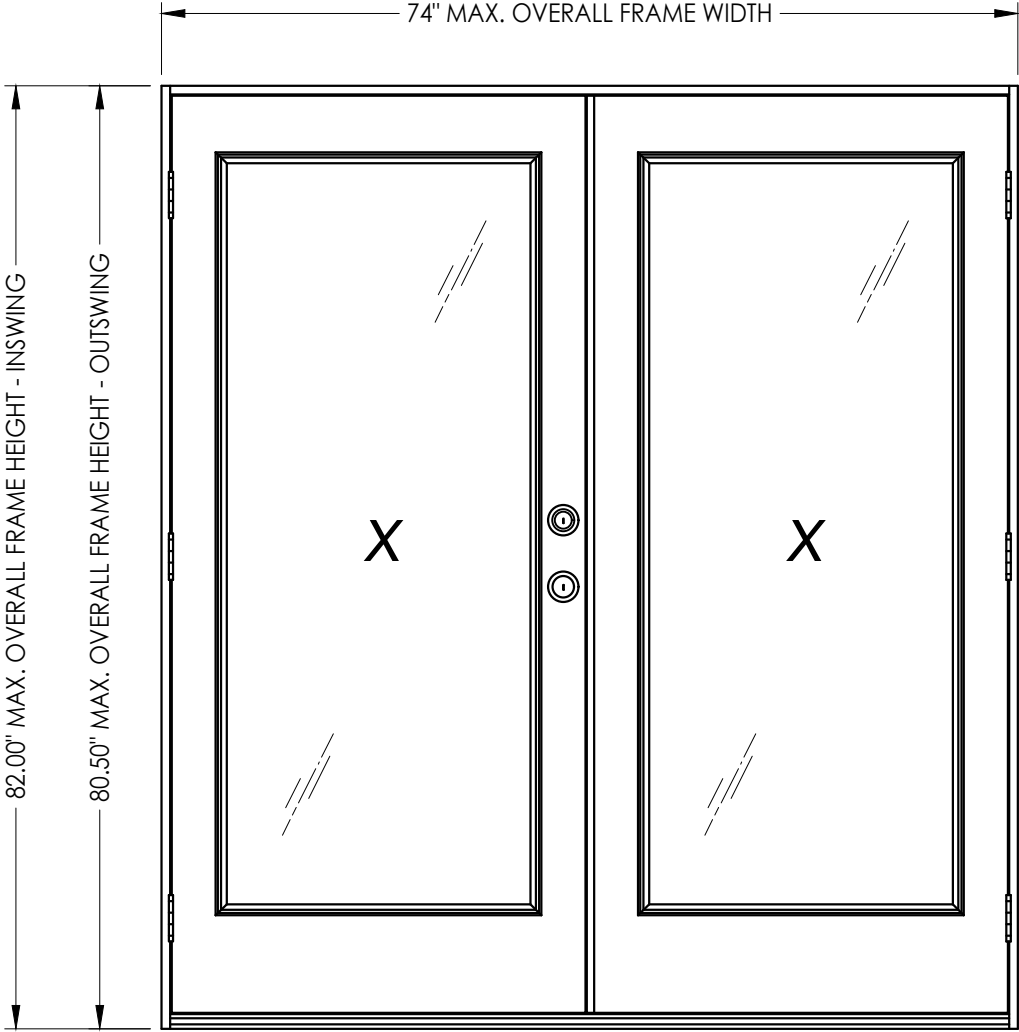
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring - 2X buck masonry construction
6	Frame anchoring - 1X buck masonry construction
7	Endura astragal details
8	Bill of materials, glazing detail & components

SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	74.00" x 82.00"	26.25" x 65.93"	G1	+50.0	-50.0
OUTSWING	74.00" x 80.50"	26.25" x 65.93"		+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.31 09:14:01 -04'00'

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

67/02/26UPDATE TO 9TH ED. (2026) FBC

58/15/23UPDATE TO 8TH ED. (2023) FBC

48/05/20UPDATE TO 7TH ED. (2020) FBC

37/25/17UPDATE TO 6TH ED. (2017) FBC

204/22/15UPDATE TO 5TH ED. (2014) FBC

12/27/13REVISED GLAZING DETAIL

NO. DATE

REVISIONS

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

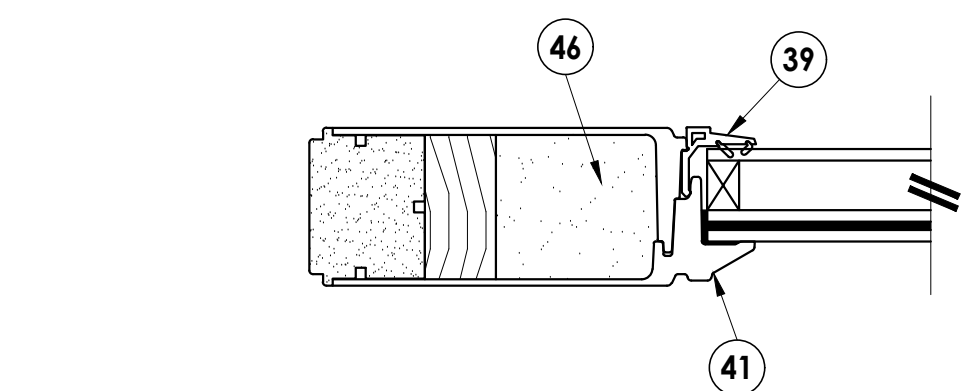
DRAWING NO.: FL-15215.14

SHEET 1 OF 8

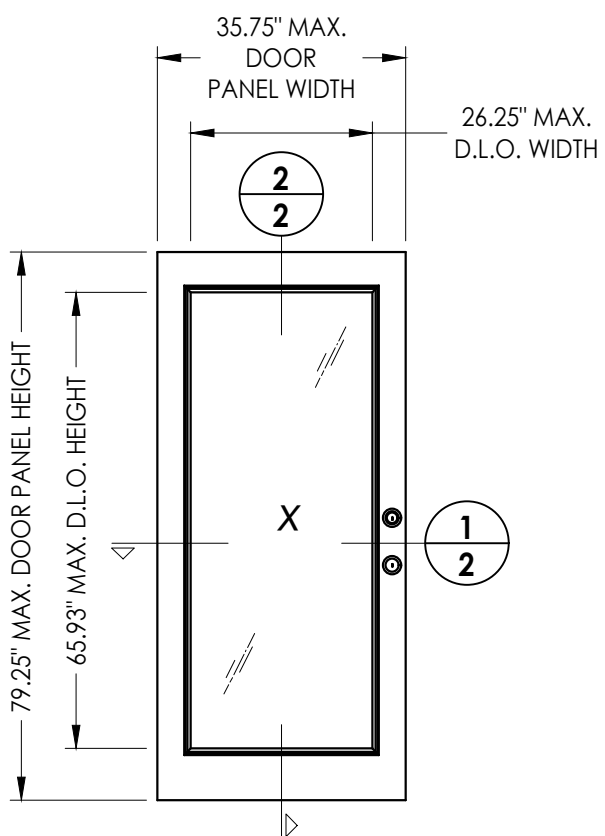
RW

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

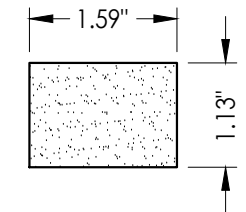
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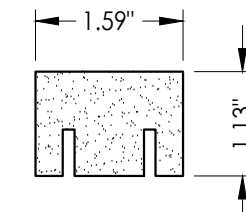
1
2 **HORIZONTAL CROSS SECTION**



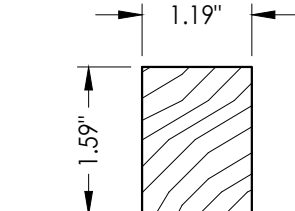
40 **DOOR PANEL**



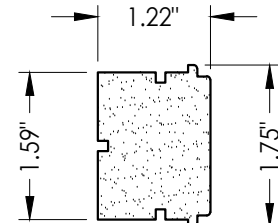
42 **TOP RAIL**
Cellular PVC



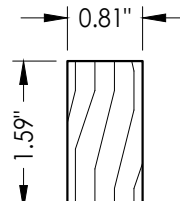
45 **BOTTOM RAIL**
Cellular PVC



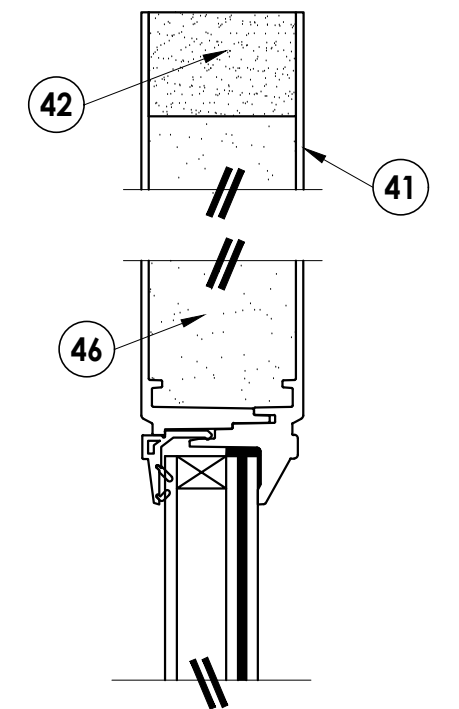
44 **LOCK REINFORCEMENT**
Wood



43 **LATCH & HINGE STILE**
Cellular PVC



47 **LATCH & HINGE STILE**
Wood reinforcement



2
2 **VERTICAL CROSS SECTION**

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC DAC
3	7/25/17	UPDATE TO 6TH ED. (2017) FBC JK
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK
1	2/27/13	REVISED GLAZING DETAIL RW

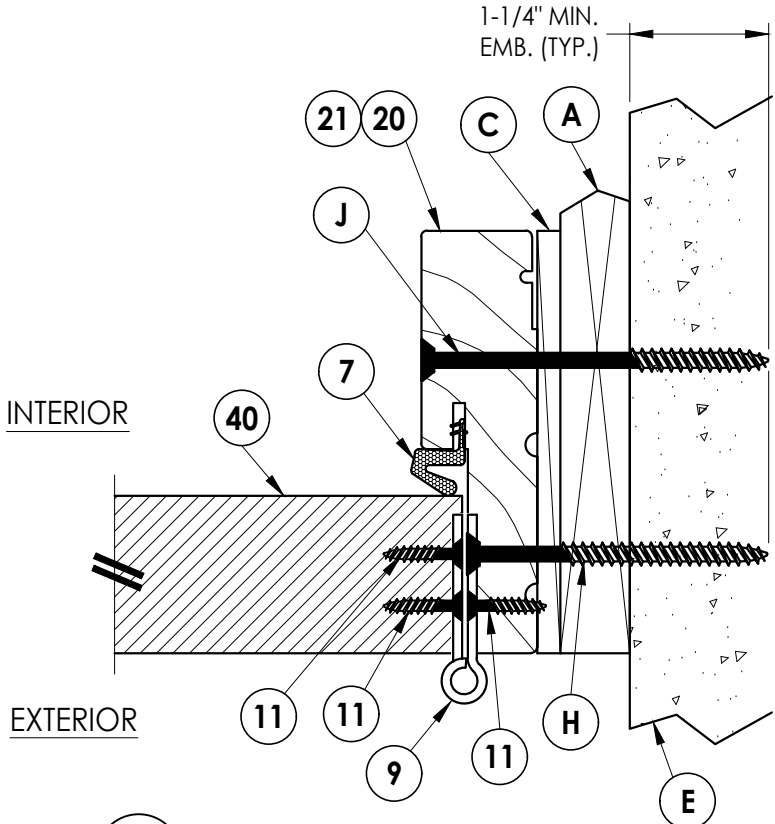
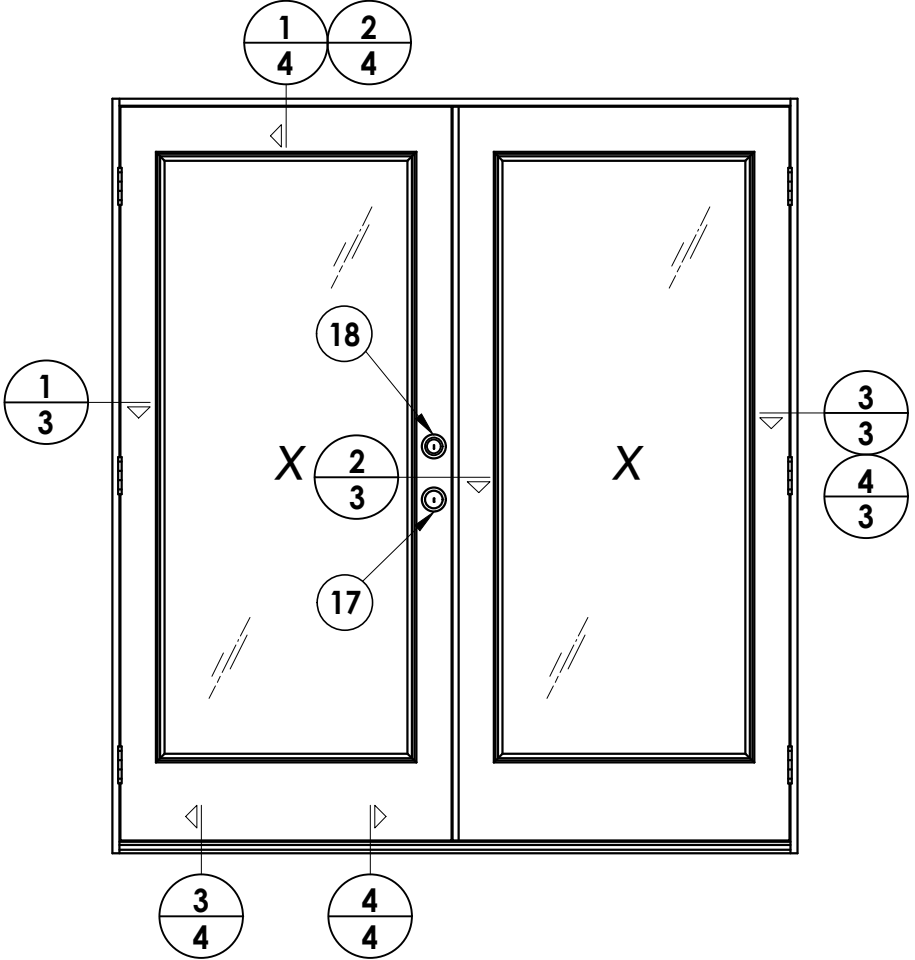
DATE:	02/15/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15215.14
SHEET	2 OF 8

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	DOOR PANEL DETAILS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

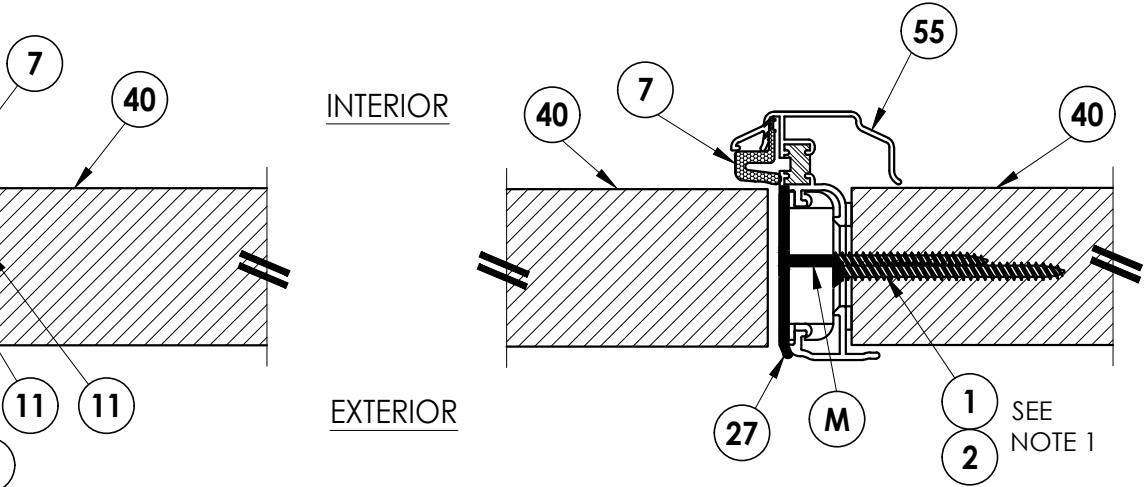
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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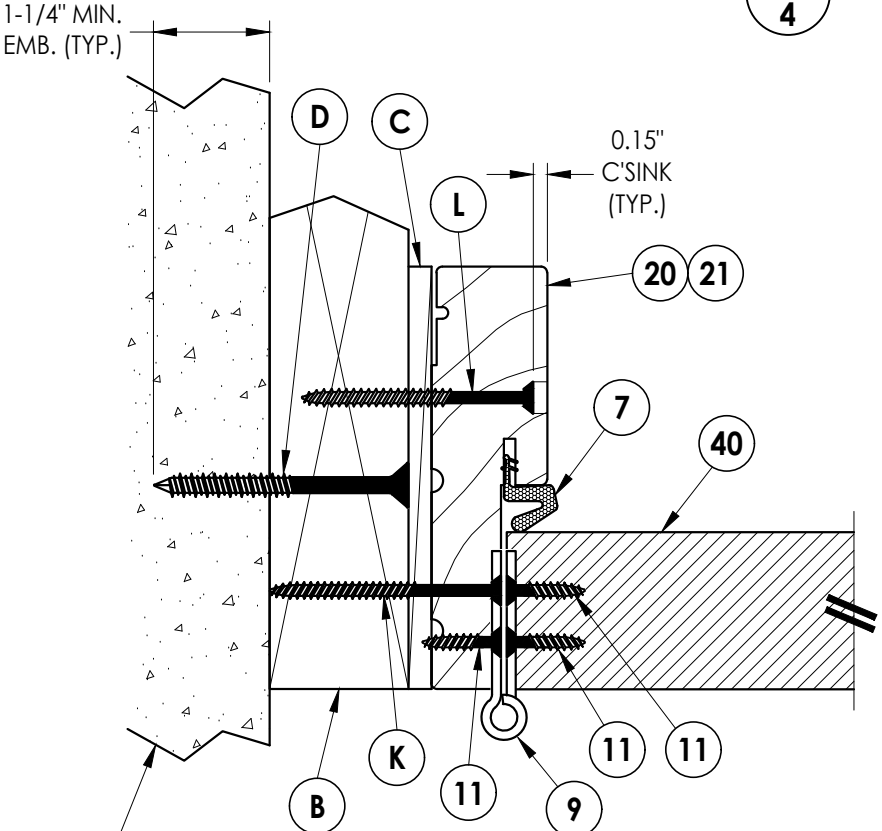


4
3 **HORIZONTAL CROSS SECTION**
Shown w/1X sub-buck

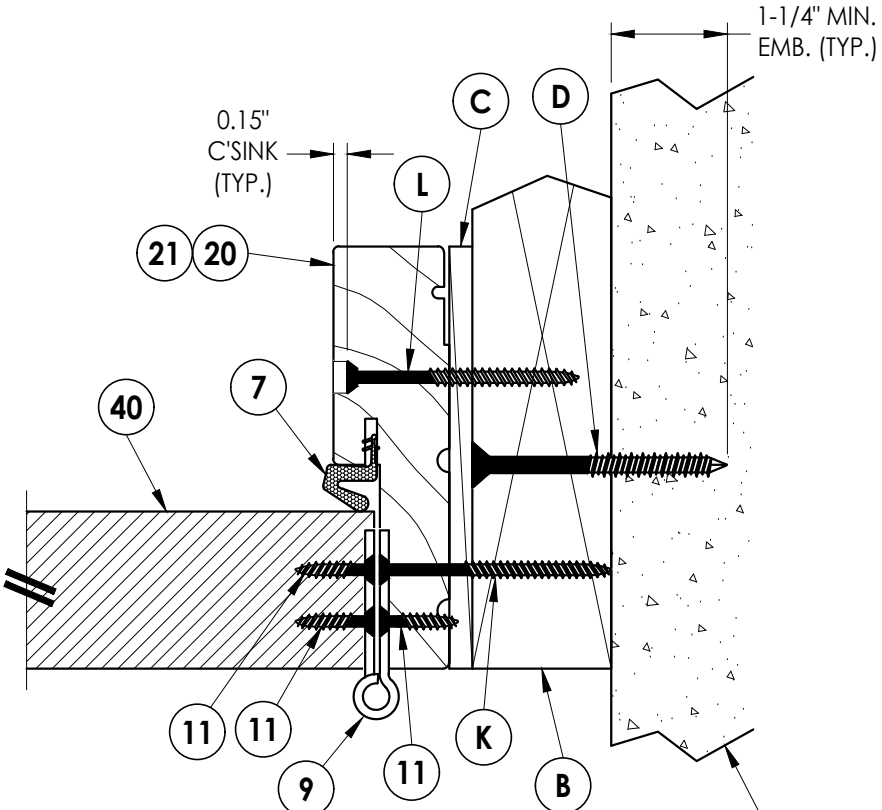
NOTE:
1. As noted in the test report astragal was attached to the inactive leaf with (10) #8 x 3" psh sms and (4) #10 x 2-1/2" pfh sms for all 6'-8" (outswing). Astragal was attached to the inactive leaf with (9) #8 x 3" psh sms and (4) #10 x 2-1/2" pfh sms for all 6'-8" (inswing).



2
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved



1
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved



3
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved

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PLASTPRO INC.
FIBERGLASS DOOR

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
LFS	FBC	LFS	FBC	JK	BY
6	7/02/26	UPDATE TO 9TH ED. (2026)	JK	RW	REVISIONS
5	8/15/23	UPDATE TO 8TH ED. (2023)	JK		
4	8/05/20	UPDATE TO 7TH ED. (2020)	JK		
3	7/25/17	UPDATE TO 6TH ED. (2017)	JK		
2	04/22/15	UPDATE TO 5TH ED. (2014)	JK		
1	2/27/13	REVISED GLAZING DETAIL	RW		
NO.	DATE				

DATE: 02/15/12

SCALE: N.T.S.

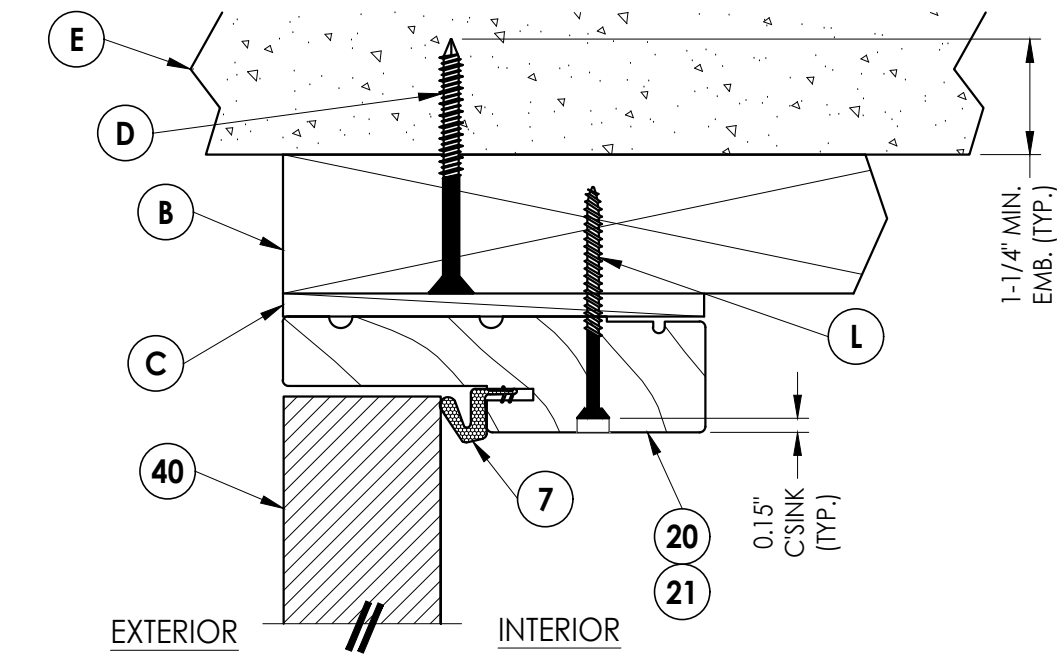
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CHK. BY: LFS

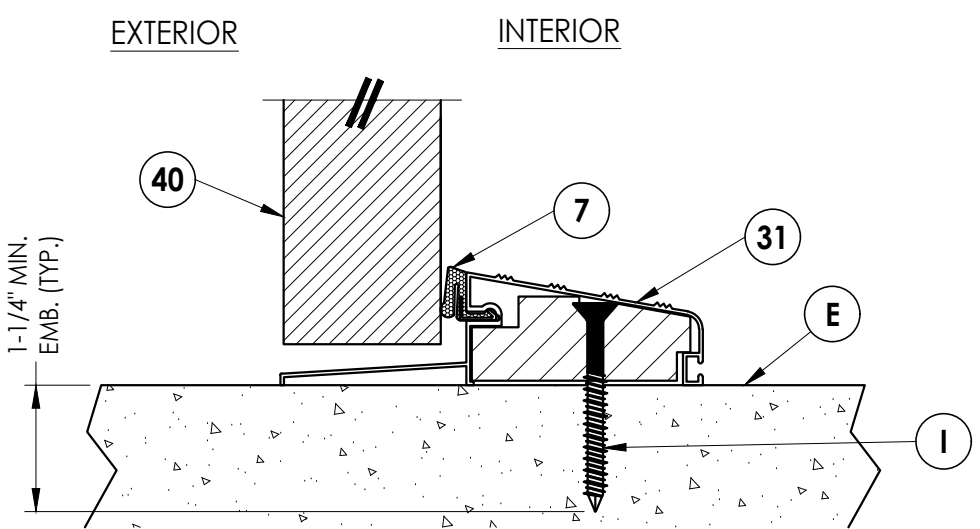
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SHEET 3 OF 8

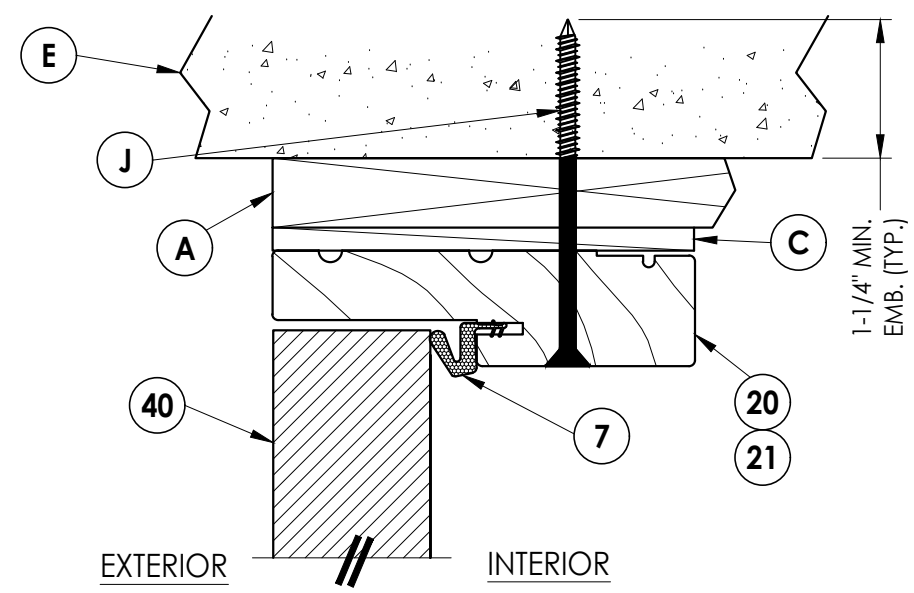
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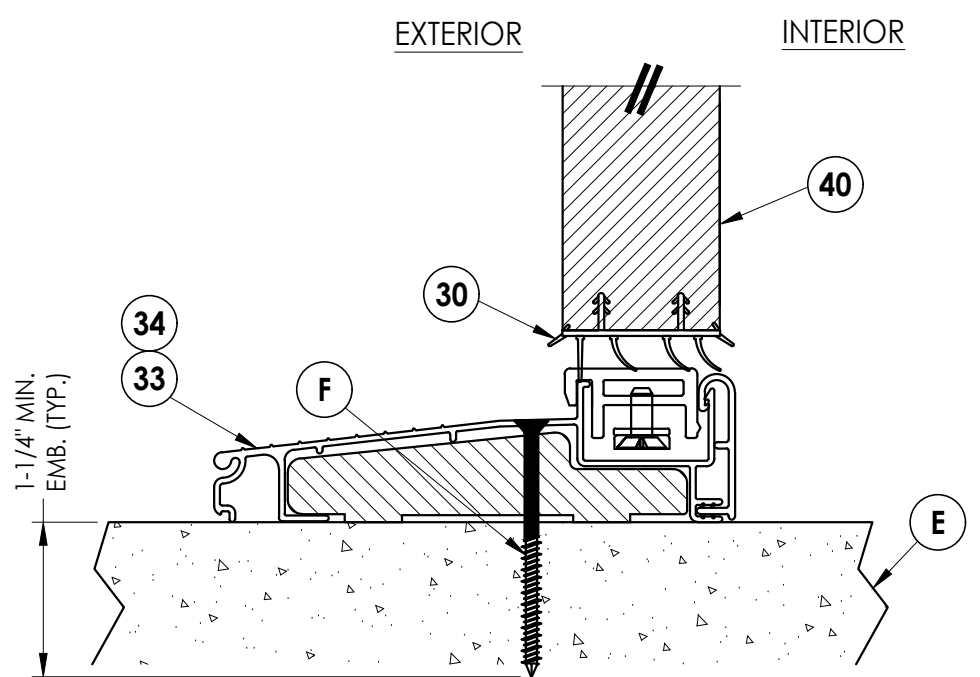
1
4 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



3
4 **VERTICAL CROSS SECTION**
Outswing configuration



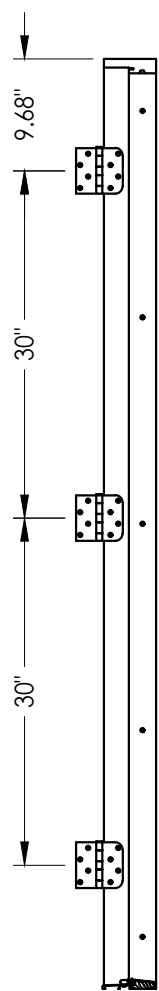
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4 **VERTICAL CROSS SECTION**
Shown w/1X sub-buck



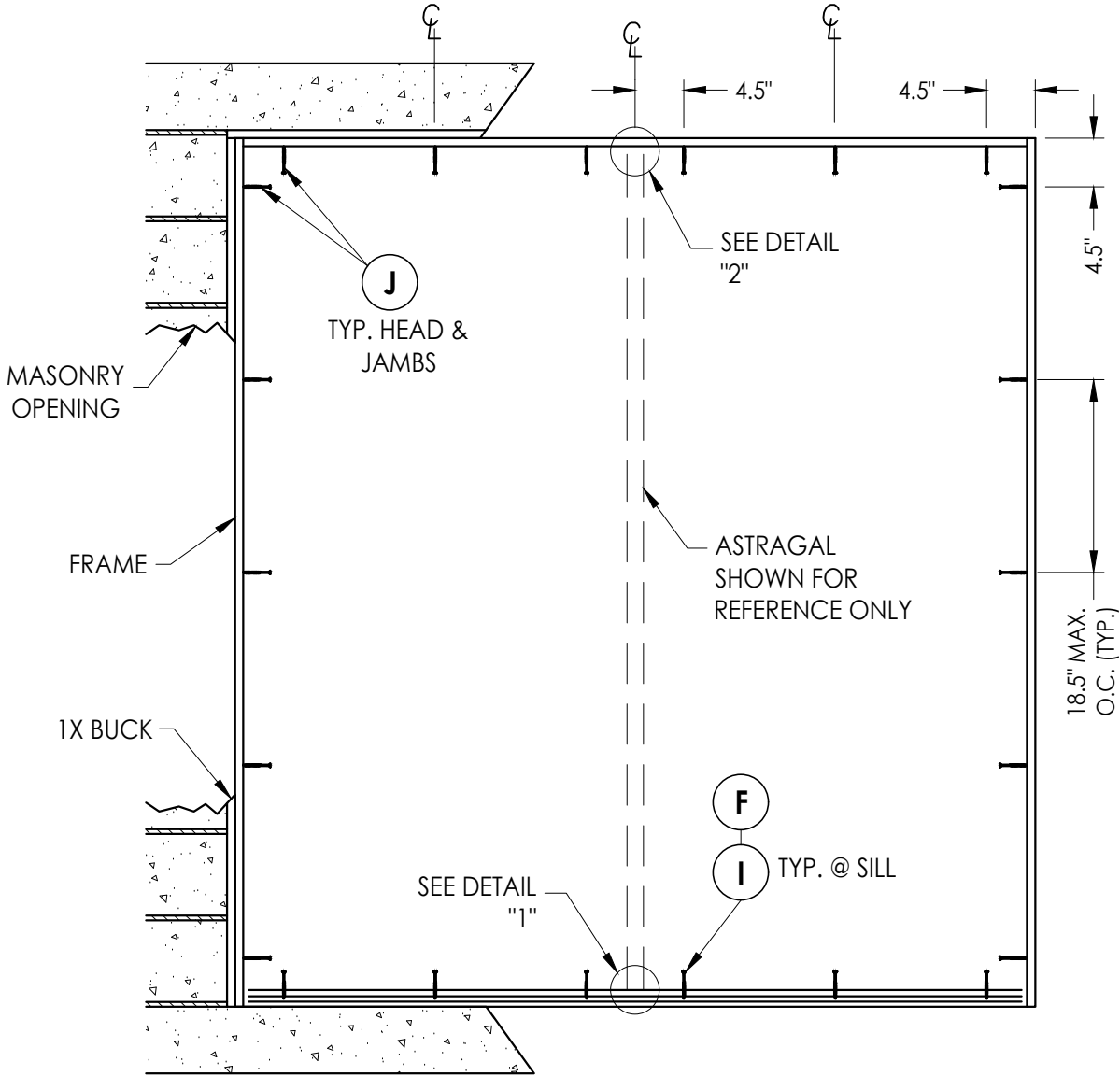
4
4 **VERTICAL CROSS SECTION**
Inswing configuration

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
LFS	UPDATE TO 9TH ED. (2026)	FBC	REVISIONS
LFS	UPDATE TO 8TH ED. (2023)	FBC	
DAC	UPDATE TO 7TH ED. (2020)	FBC	
JK	UPDATE TO 6TH ED. (2017)	FBC	
JK	UPDATE TO 5TH ED. (2014)	FBC	
RW	REVISED GLAZING DETAIL		
NO.	DATE		
6	7/02/26		
5	8/15/23		
4	8/05/20		
3	7/25/17		
2	04/22/15		
1	2/27/13		
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.14			
SHEET 4 OF 8			

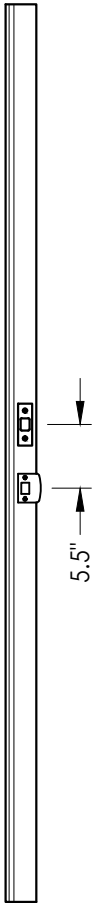
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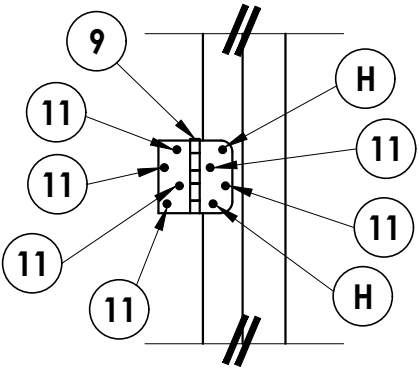
HINGE JAMB



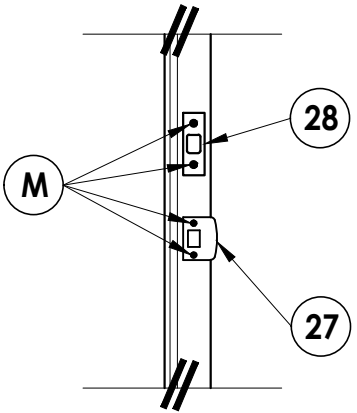
FRAME ANCHORING
Masonry 1X buck construction



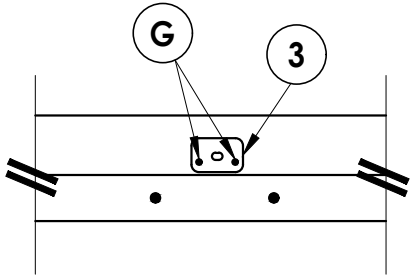
ASTRAGAL STRIKE JAMB



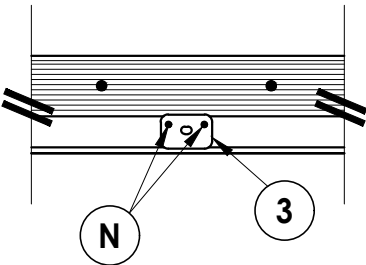
HINGE DETAIL



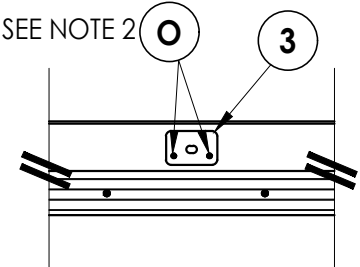
LATCH & DEADBOLT DETAIL



DETAIL 2



DETAIL 1
Inswing configuration



DETAIL 1
Outswing configuration

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

Documents Prepared By:
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P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING 1X BUCK
MASONRY CONSTRUCTION

LFS	FBC	(2026)	9TH ED.	7/02/26	6
LFS	FBC	(2023)	8TH ED.	8/15/23	5
DAC	FBC	(2020)	7TH ED.	8/05/20	4
JK	FBC	(2017)	6TH ED.	7/25/17	3
JK	FBC	(2014)	5TH ED.	04/22/15	2
RW	REVISED GLAZING DETAIL			2/27/13	1
BY	DATE				
REVISIONS					

DATE: 02/15/12

SCALE: N.T.S.

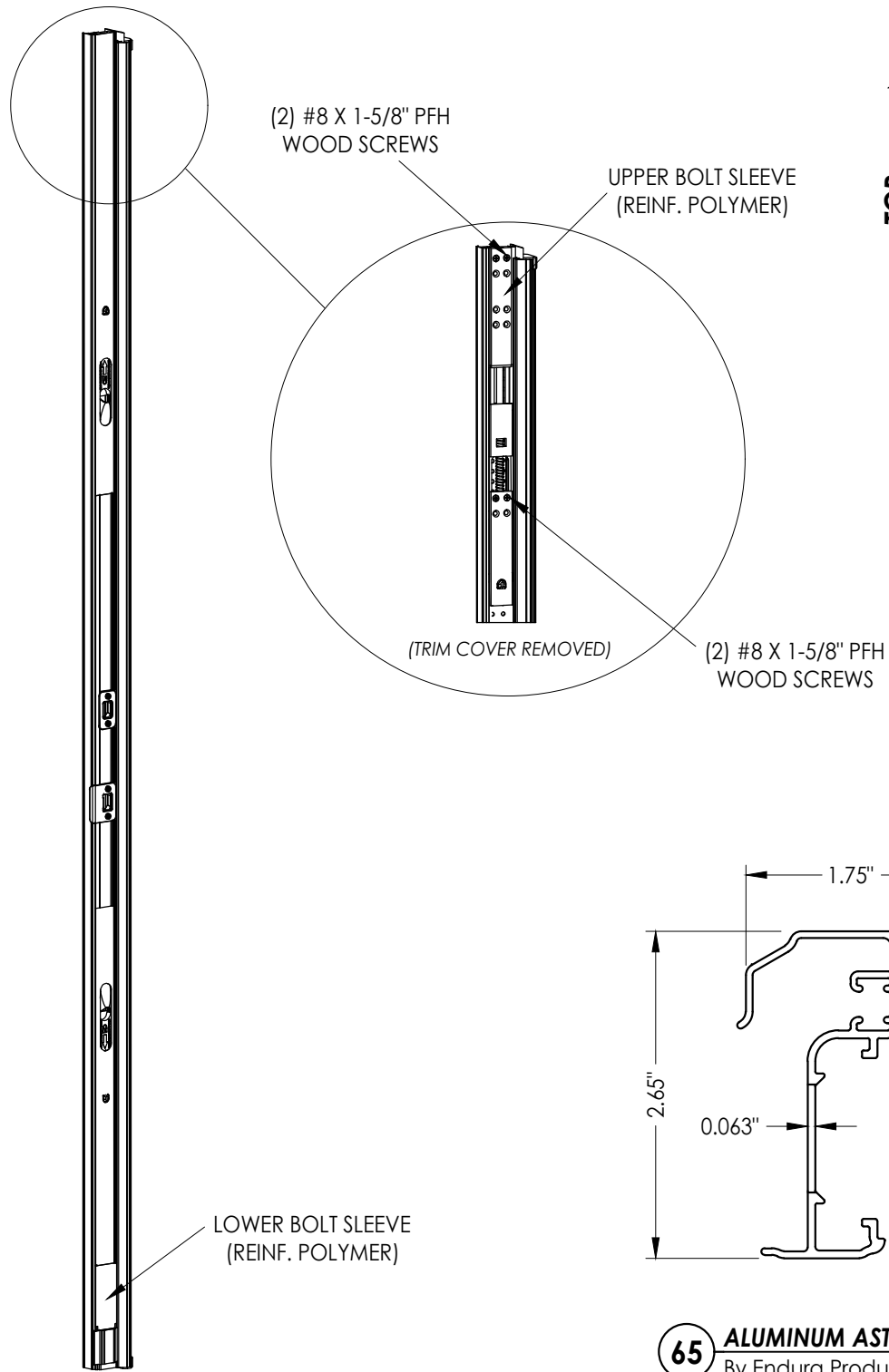
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CHK. BY: LFS

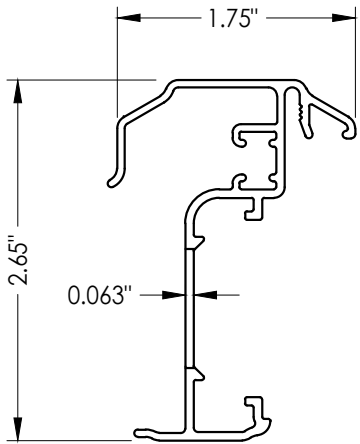
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SHEET 6 OF 8

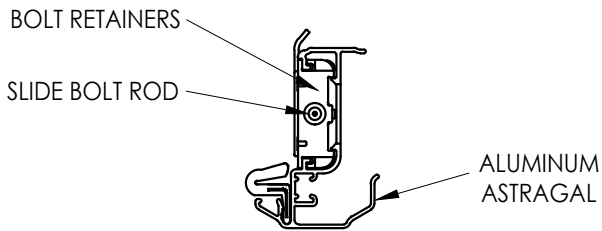
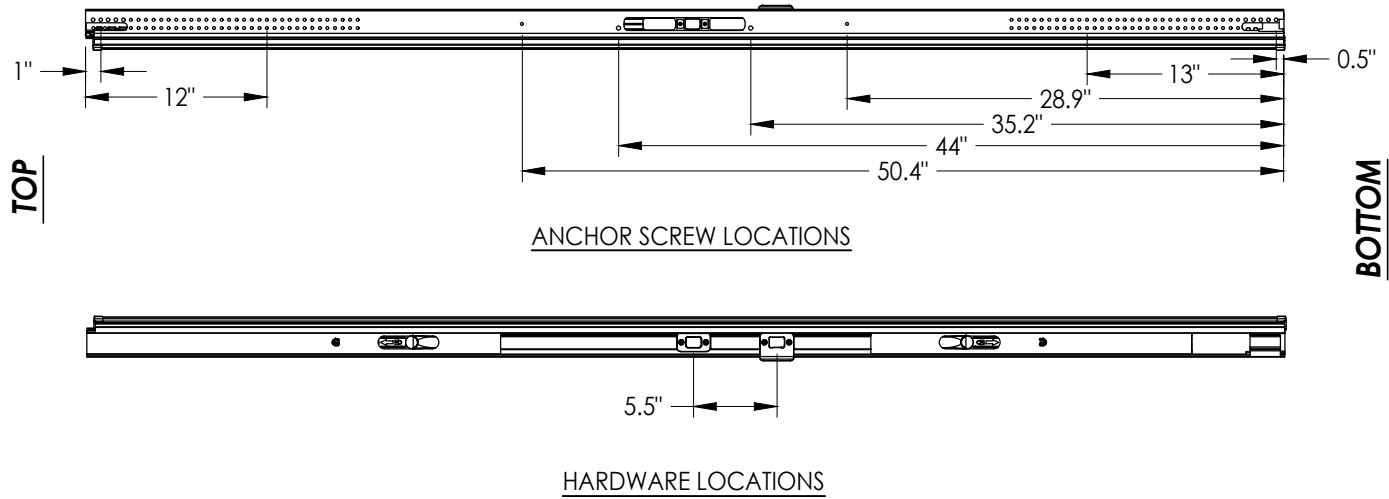
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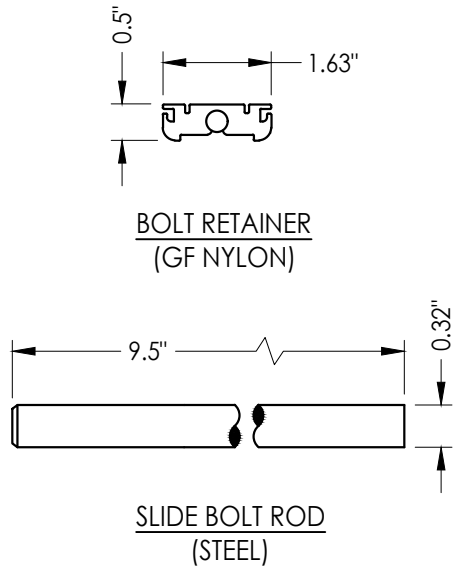
ULTIMATE HURRICANE ASTRAGAL



65 ALUMINUM ASTRAGAL
By Endura Products



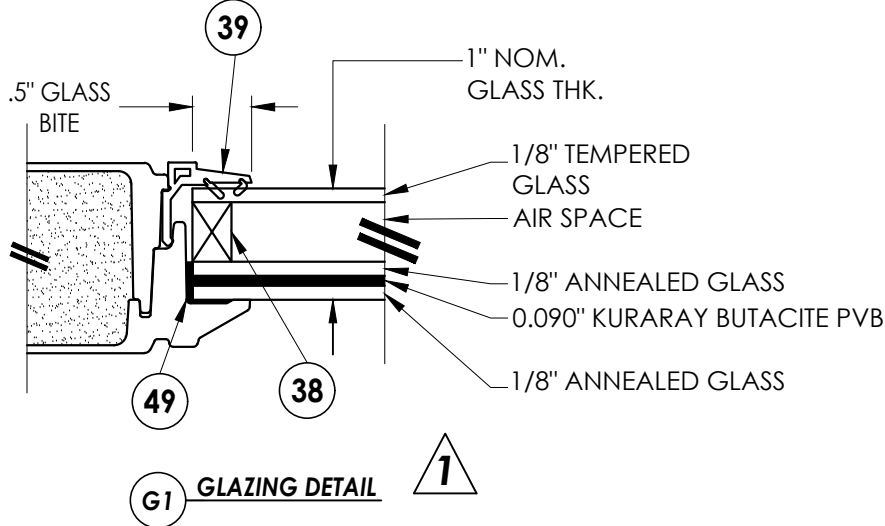
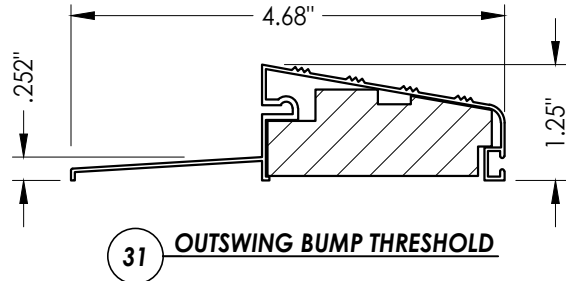
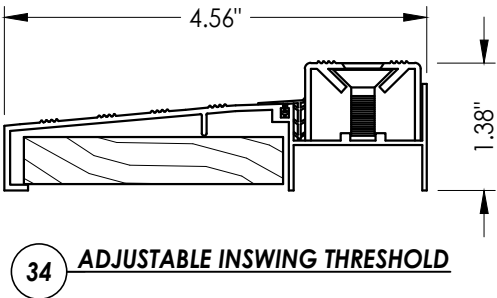
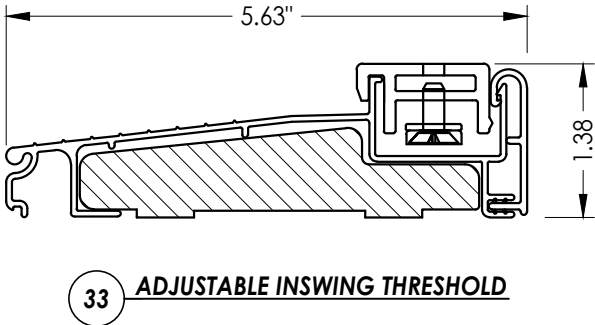
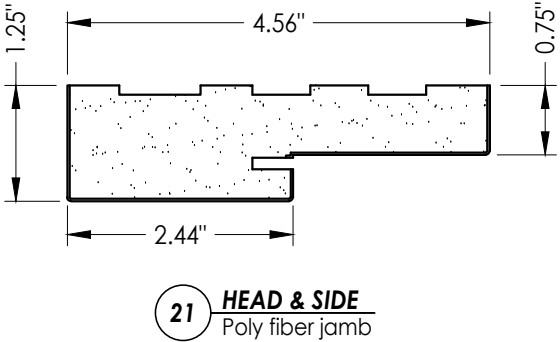
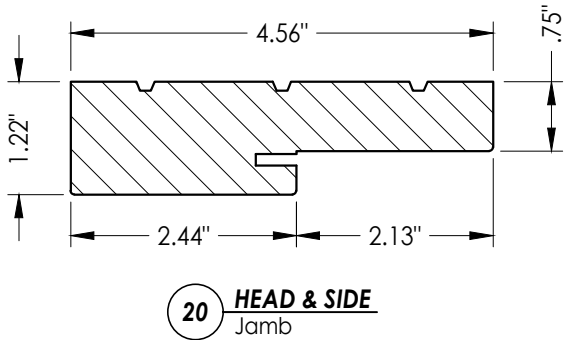
ALUMINUM ASTRAGAL ASSEMBLY



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR				PART OR ASSEMBLY: ENDURA ASTRAGAL DETAILS			
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS		
5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC			
3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
1	2/27/13	REVISED GLAZING DETAIL		RW			
NO.	DATE			BY			
DATE: 02/15/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15215.14							
SHEET 7 OF 8							

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BILL OF MATERIALS					
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD	18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL
B	2X BUCK SG >= 0.55	WOOD	20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
C	1/4" MAX. SHIM SPACE	-	21	POLYFIBER JAMB	COMP. / VINYL
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	27	LATCH STRIKE PLATE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	28	DEADBOLT STRIKE PLATE	STEEL
			30	WEATHER-STOP 3647 HOLM INDUSTRIES	VINYL
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL	31	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL	33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL	34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL	38	GLAZING SPACER	ALUM.
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL	39	GLAZING BEAD	PVC
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL	40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	41	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
M	#9 X 2-1/4" PFH WOOD SCREW	STEEL	42	TOP RAIL	CELLULAR PVC
N	3/16" X 3-1/2" PFH ITW CONCRETE SCREW	STEEL	43	LATCH & HINGE STILE	CELLULAR PVC
O	3/16" X 1-1/2" PFH ITW CONCRETE SCREW	STEEL	44	LOCK REINFORCEMENT	WOOD
1	#10 X 2-1/2" PFH SMS	STEEL	45	BOTTOM RAIL	CELLULAR PVC
2	#8 X 3" PFH SMS	STEEL	46	POLYURETHANE FOAM	POLYURETHANE
3	FLUSH BOLT STRIKE PLATE	STEEL	47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	WOOD
7	Q-LON 650 WEATHER STRIP SCHLEGEL	FOAM	49	GLAZING COMPOUND DOW 995	SILICONE
9	4" X 4" BUTT HINGE	STEEL	51	ASTRAGAL (ENDURA)	ALUMINUM
10	NOT USED	-	CORROSION RESISTANCE - SALTWATER ENVIRONMENT Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.		
11	#9 X 3/4" PFH WOOD SCREW	STEEL			
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL			



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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAIL & COMPONENTS

LFS	FBC	(2026)	9TH ED.	UPDATE TO	6
LFS	FBC	(2023)	8TH ED.	UPDATE TO	5
DAC	FBC	(2020)	7TH ED.	UPDATE TO	4
JK	FBC	(2017)	6TH ED.	UPDATE TO	3
JK	FBC	(2014)	5TH ED.	UPDATE TO	2
RW	REVISED	GLAZING DETAIL	2/27/13	NO.	1
BY	DATE				
REVISIONS					

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15215.14

SHEET 8 OF 8